

Correspondence

http://urn:lsid:zoobank.org/pub: 5CA5A6F5-D8B2-4967-B4ED-37274F8208D0

David Yuan, Yun Hsiao, Ping-Shih Yang*. FIRST RECORD OF *PHYTOBAENUS AMABILIS AMABILIS* R.F. SAHLBERG, 1834 (COLEOPTERA, ADERIDAE) FROM TAIWAN. – *Far Eastern Entomologist*. 2015. N 296: 19-20.

*Department of Entomology, National Taiwan University, No. 27, Lane 113, Sec. 4, Roosevelt Rd., Taipei 106, Taiwan; *Corresponding author, E-mail: psyang@ntu.edu.tw*

Summary. *Phytobaenus amabilis amabilis* R.F. Sahlberg, 1834 (Coleoptera, Aderidae) is recorded from Taiwan for the first time.

Key words: Coleoptera, ant-like leaf beetle, fauna, new record, Taiwan.

Д. Юань, Ю. Цяо, П.-Ш. Янь. Первое указание *Phytobaenus amabilis amabilis* R.F. Sahlberg, 1834 (Coleoptera, Aderidae) с Тайваня // *Дальневосточный энтомолог*. 2015. N 296. С. 19-20.

Резюме. Впервые для Тайваня указан *Phytobaenus amabilis amabilis* R.F. Sahlberg, 1834 (Coleoptera, Aderidae).

The family Aderidae Winkler, 1927, also known as the ant-like leaf beetle, is a group of beetles that bears some resemblance to ants. The family consists of about 1000 species in about 50 genera and most of them are distributed in tropical area (Chandler, 2002). To date, only four species in this family have been recorded from Taiwan (Nardi, 2008).

Recently, several specimens of previously unknown from Taiwan *Phytobaenus amabilis* have been found in the collection of National Museum of Natural Science, Taichung, Taiwan (NMNS). The specimens were observed by using a Leica EZ4 stereo microscope. The photos of imago were taken by Nikon COOLPIX P310 digital camera. Abbreviation used in the text: ex – unidentified sex specimens.

NEW RECORD

***Phytobaenus amabilis amabilis* R.F. Sahlberg, 1834**

Fig. 1

MATERIAL EXAMINED. Taiwan: Nantou, Meifeng, 11.IX 2002, 1 ex, leg. C.-S. Lin, Sweeping Net (NMNS); Taichung, Tung Mau Shan, 1.XI 1987, 1 ex, leg. I.-C. Hsu, Sweeping Net (NMNS); Taipei, Yangmingshan, Chungcheng Campsite, 27-28.VII 1998, 1 ex, leg. M.-M. Yang & M.-L. Chan, UV light (NMNS); Yunlin, Ku-kung Shin-pi, 29.X 1992, 1 ex, W.-T. Yang, Sweeping Net (NMNS); Taipei, Mientien Shan, 2.VIII 1987, 1 ex, I.-C. Hsu, Sweeping Net (NMNS); Taipei, Mientien Shan, 2.VIII 1987, 1 ex, I.-C. Hsu, Sweeping Net (NMNS); Nantou, Wushe, 15.II 2005, 1 ex, C.-S. Lin, Sweeping Net (NMNS).

NOTES. It is small-sized species with the body length 2.2–2.5 mm. Head, pronotum and elytra brown colored; elytra elongated and nearly parallel-sided; surface with cream-white lateral, adsutural and posterior spots, which is the diagnostic character easily distinguished from other members of Aderidae; antennae, fore and mid legs light brown, hind legs darkened.



Fig. 1. *Phytobaenus amabilis*
R.F. Sahlberg, 1834, dorsal view.

The head barely visible from dorsal view and strongly deflexed, with rudimentary tempora; antennae shorter than its body length; antennomeres elongated or as long as width, antennomere XI with basal part subcylindrical, narrowing rapidly, and apical part asymmetrical, pointed and subconical. The pronotum bell-shaped, lateral margins distinctly recurved posteriorly, forming a neck-like structure. Both sexes share the similar appearance (Jałoszyński *et al.*, 2013). This species is widely distributed in Taiwan.

DISTRIBUTION. Taiwan (**new record**), Belarus, Croatia, Czech Republic, Finland, France, Germany, Hungary, Italy, Latvia, Russia (European part, south part of Far East), Poland, Romania, Slovakia, Ukraine and Japan, Northeast Territory of China (Nardi, 2008).

ACKNOWLEDGEMENTS

We would like to express our deepest gratitude to Dr. Ming-Luen Jeng (NMNS) for his assistance when the second author visited the National Museum of Natural Science.

REFERENCES

- Chandler, D.S. 2002. 118. Aderidae Winkler 1927. P. 559–563. *In*: Arnett, R.H. jr, Thomas, M.C., Skelly, P.E. & Frank, J.H. (Eds). *American Beetles Polyphaga: Scarabaeoidea through Curculionoidea*. CRC Press, Boca, Raton, London, New York & Washington.
- Jałoszyński, P., Wanat, M., Kubisz, D., Ruta, R. & Konwerski, S. 2013. A synopsis of the family Aderidae in Poland (Coleoptera: Tenebrionoidea). *Genus*, 24(2): 199–216.
- Nardi, G. 2008. Aderidae. P. 455–458. *In*: Löbl, I. & Smetana, A. (Eds). *Catalogue of Palaearctic Coleoptera. Volume 5*. Apollo Books, Stenstrup.

© **Far Eastern entomologist (Far East. entomol.)** Journal published since October 1994.

Editor-in-Chief: S.Yu. Storozhenko

Editorial Board: A.S. Lelej, N.V. Kurzenko, M.G. Ponomarenko, E.A. Beljaev, V.A. Mutin, E.A. Makarchenko, T.M. Tiunova, P.G. Nemkov, M.Yu. Proshchalykin, S.A. Shabalin

Address: Institute of Biology and Soil Science, Far East Branch of Russian Academy of Sciences, 690022, Vladivostok-22, Russia.

E-mail storozhenko@biosoil.ru

web-site: <http://www.biosoil.ru/fee>